







# WASAG The Global Framework on Water Scarcity in Agriculture

High Level Panel Debate – Perugia, 22 November 2018

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## FAO – Food and Agriculture Organization of the United Nations













## Global risks from the next 10 years

			rank
_		Weapons of mass destruction	1
Global Risks Report	The 5 risks that will have the biggest impact in the next 10 years	Extreme weather events	2
		Natural disasters	3
		Failure of climate change mitigation & adaptation	4
		Water crises	5

Source: Global Risks Perception Survey 2017-2018, World Economic Forum

## Agricultural Water Demand



Source: Adapted from www.ceres.org/FoodWaterRisk



One World One Water Center Metropolitan State University of Denver Denver Botanic Gardens International Workshop OPEN/BIG DATA AND CITIZEN SCIENCE FOR MANAGING THE WATER, FOOD, ENERGY AND ENVIRONMENT NEXUS



### WASAG Background

### <u>19/20 April 2017</u>

The First meeting of Partners adopts Rome Statement and establishes an Interim Steering Committee

### October 2016

Endorsed by the Summit of Water Ministers at the Second World Irrigation Forum in Chiang Mai, Thailand.

### November 2016

The Global Framework on Water Scarcity was officially launched during the **UNCCC COP22** in Marrakesh, Morocco.

### January 2017

Endorsed by 83 Ministers of Agriculture during the 9<sup>th</sup> Berlin Agriculture Ministers' Conference at the **Global Forum for Food and Agriculture** (**GFFA**), and the **G20** 

### September 2017

Endorsed by the UNCCD COP 13 as a knowledgesharing partnership to help countries develop their drought preparedness plans in Ordos, China

#### October 2018

Endorsed by the Committee on Agriculture (COAG)

Rome, Italy

27 August 2018 A new Steering Committee is elected





## Rome Statement (20 April 2017)

### VISION

A world whose food systems are secure and resilient to increasing water scarcity in a changing climate

MISSION

To support measurable, significant and sustainable progress on improving and adapting agricultural systems in conditions of increasing water scarcity and a changing climate, using the combined expertise and resources of the Partners

OBJECTIVES

To urgently address the following important and relevant work areas at international and country levels:

- Advocating for political prioritization.
- Cooperating on work programmes.
- Sharing and disseminating knowledge and experience.
- Developing new or improved solutions.
- Promoting sustainable and integrated water resources management.
- Building capacity of Partners and countries and other stakeholders.
- Contributing to consistent monitoring systems

Source: http://www.fao.org/land-water/overview/wasag/keydocs/en/









### WASAG Governance

- 60 Partners (from more than 22 countries)
- New Steering Committee (since 27 August 2018)
- Guided by the:
  - Rome Statement
  - Terms of Reference Hosted by FAO
  - WASAG Support Team Secretariat





#### Rome Statement on Water Scarcity in Agriculture

Morting on 16-20 April 2017 at FAO backgurrow in Roese, Italy, the partners and staksholders of the Global Promesserie for Action to Cope unite Water Starsity in Apricalizet in a Changing Climate (the Global Promesserie) agree to this stansant.

#### Preamble

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## Partners leading the working groups

Seven working groups established since the 3rd Interim Steering Committee (ISC) meeting with the aim to focus the work of WASAG on emerging issues (also for quick wins):

- Water and Migration (GWP, IWMI)
- Drought Preparedness (UNCCD, DWFI, WMO, GWP)
- Financing Mechanisms (World Bank, Climate KIC, IFAD)
- Water and Nutrition (IFPRI, SIWI, IFAD)
- Sustainable Agriculture Water Use (IWMI, IFPRI, ICID, IFAD)
- Saline Agriculture (ICBA, Iran)
- WASAG Communication strategy (ICID)

(\*) Leaders and Co-Leaders of the working groups







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### WASAG Working Groups



Drought Preparedness



Water & Migration



Sustainable Agricultural Water Use



Communication

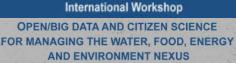


Water & Nutrition



Financing Mechanisms







## WASAG activities

- WASAG on the agenda of the meeting of Committee on Agriculture (COAG) 04 October 2018
- FAO SP2's Global Knowledge Product on Water in Agriculture and Food Systems
- Support to WASAG working groups through Letters of Agreement on Water and Migration (GWP), Water and Nutrition (SIWI)
- Completed: WASAG e-forum on Indigenous Knowledge Practices to cope with water scarcity with the facilitation Global Forum on Food Security and Nutrition, with FAO Technical Networks, the WASAG Network and the Youth in Water Network.

### Support to countries:

- Spain training center for irrigation technologies (MoU signed at the World Water Forum 8) Support to the one million cistern project (West Africa) – with funding from Italy, inspired by Brazil.
- Italy established a chapter of WASAG with a structure mirroring the WASAG working groups
- Cape Verde/Italy organizing the first WASAG International Forum in Praia (Cape Verde) to culminate with the World Water Day celebrations of 22 March 2019
- Coordination and support to regional offices to develop Technical Cooperation Projects (TCP) aimed at addressing water scarcity in agriculture (RAF, RAP, RLC and RNE)













WASAG | The Global Framework on Water Scarcity in Agriculture

> Under the patronage of Cape Verde, the Global Framework on Water Scarcity in Agriculture (WASAG) announces its first

### International Forum on Water Scarcity in Agriculture

Celebrating World Water Day 2019

19-22 March 2019 | Praia, Cape Verde

The objective of the forum is to identify concrete practical, innovative and collaborative - solutions to address water scarcity in agriculture in a changing climate.

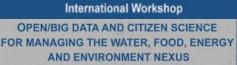
With a focus on Small Island Developing States and West African countries, the forum is expected to illustrate how water scarcity in agriculture can be addressed and turned into an opportunity for sustainable development, food and nutrition security.

This forum is organized by the Government of Cape Verde through the Ministry of Agriculture and Environment and the National Agency for Water and Sanitation (ANAS), the Italian Ministry of Agricultural, Food and Forestry Policies and the Food and Agriculture Organization of the United Nations.



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## Conclusions

- Through the WASAG Partnership, the challenges of coping with water scarcity in agriculture are turning into opportunities.
- During the last Stockholm WWW, three working groups shared their work, with a WASAG showcase event, a Partners meeting and a SC meeting.
- The momentum needs to be sustained
- Tangible deliverables should not take long







## Contact info

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By working together, we are changing the challenge

of coping with water scarcity in agriculture into an opportunity!

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